



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 44] नई दिल्ली, शनिवार, नवम्बर 2, 1985 (कार्तिक 11, 1907)
No. 44] NEW DELHI, SATURDAY, NOVEMBER 2, 1985 (KARTIKA 11, 1907)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिसें
(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 2nd November 1985

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor,
Lower Parel (West),
Bombay-400013.

The States of Gujarat, Maharashtra and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),
214, Acharya Jagadish Bose Road,
Calcutta-700 017.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

(777)

SPECIAL NOTICE

Additional address for the Patent Office Calcutta from where main functions are being carried out is given below—

The Patent Office,
2nd M S Office Building,
(5th, 6th & 7th Floor),
Nizam Palace,
234/4, Acharya Jagadish Bose Road
Calcutta-700 020

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA 17

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act

27th September 1985

683|Cal|85 Bhagavati Steel Industries A wick stove

684|Cal|85 Bhagavati Steel Industries A Wick Stove

30th September, 1985

685|Cal|85 Siemens Aktiengesellschaft Vacuum Generating Apparatus

686|Cal|85 Siemens Aktiengesellschaft A device for coupling a plurality of machine tool controls

687|Cal|85 Siemens Aktiengesellschaft Plug in device

688|Cal|85 The Lubrizol Corporation Corrosion-inhibiting compositions and oil compositions containing said corrosion-inhibiting compositions

1st October 1985

689|Cal|85 The Babcock & Wilcox Company Method and apparatus for obtaining maximum spray flow limit of attemperators

690|Cal|85 Petro-Drive Inc Apparatus and method for drving casing or conductor pipe

691|Cal|85 Valmet Oy Connecting device for measuring instruments

692|Cal|85 Beloit Corporation Heated Variable crown roll

693|Cal|85 The Cross Company Apparatus for aligning a machine tool saddle

694|Cal|85 Vsesojuzny Nauchno-Issledovatel'sky I Proektny Institut Aluminievoy, Magnievoi I Elektrodnoi promyshlennosti Proces for producing an alkali metal hydroaluminite

695|Cal|85 Suhash Chandra Paul A device particularly for suspending loads therefrom or for connecting two or more pieces

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH MUNICIPAL MARKET BUILDING, THIRD FLOOR KAROL BAGH NEW DELHI-5

2nd September 1985

722|Del|85 Westinghouse Brake and Signal Co Ltd, "Low distortion limiter circuit" (Convention date 5th September 1984) (U K)

723|Del|85 S P Gupta "Aluminium thimbles|cable connector",

3rd September 1985

724|Del|85 Rui Vazz 'Back massage rollers|rejuvenating rollers'

725|Del|85 Kenrich Petrochemicals, Inc "Titanium and zirconium pyrophosphates their preparation and use"

726|Del|85 Vapocure International Pty Limited "Hydrated catalyst complex and process" (Convention date 13th September, 84) (Australia)

727|Del|85 Sub Nife AB, 'A rail vehicle slack adjuster

728|Del|85 Bharat Heavy Electricals Limited "An improved process for the production of novolac epoxy resin"

4th September, 1985

729|Del|85 Kronos, Inc, "Method of fixed length binary encoding and apparatus for same"

730|Del|85 Morgan construction Co, "Apparatus for cooling hot rolled steel rod

731|Del|85 Morgan Construction Co, "Apparatus and method for air cooling hot rolled steel rod"

732|Del|85 The Goodyear tire & rubber Co 'Compositions for use in antioxidant systems' [Divisional date 1st March, 1982]

733|Del|85 The Standard Oil Co, Apparatus for making photovoltaic modules

734|Del|85 National Council for cement and Building materials, A process for the manufacture of cement clinker

735|Del|85 Council of Scientific and Industrial Research, "A process for the preparation of methyl (\pm)-*cis* 3, 3-dimethyl-2 formyl-cyclopropane-1 carboxylate".

5th September, 1985

736 Del|85 Urban Transportation Development Corporation Ltd, "Integrally air cooled linear induction motor" (Convention date 13th September, 1984 & May 17, 1985) (Canada)

6th September, 1985

737|Del|85 Sybron Corporation, Differential pressure capacitive transducer assembly' [Divisional date 31st May, 1982]

9th September, 1985

738|Del|85 Uop Inc, Product recovery process'

739|Del|85 Sports Equipment Pvt Ltd, A shoe

740|Del|85 Ajit Krishan Lal, "A metallic module".

741|Del|85 Sybron Corporation, Differential pressure capacitive transducer and method of making same' [Divisional date 31st May, 1982]

742|Del|85 Morgan Construction Co, "Hoist with inclined motion"

10th September 1985

743|Del|85 Gough & Co (Hanley) L'd "Pocket elevator" (Convention date 12th September, 1984) (U K)

744|Del|85 The English Electric Co Ltd "Gasification apparatus" (Convention date 21st September, 1984) (U K)

11th September, 1985

745|Del|85 Kozpon I Banyaszati Fejlesztesi Intezet & Others, "Method and equipment for mining steep mineral seams particularly steep coal seams"

746|Del|85 Uniroyal Inc, 'Method for embedding electrical & Electronic circuitry'

747|Del|85 Uniroyal Inc "Liquid rubber composition"

748|Del|85 Applications Mecaniques Et Robinetterie Industrielle (A M R I), "Universal type butterfly valve and manufacturing process for same".

12th September, 1985

749|Del|85. Digital Equipment Corporation, "Access verification arrangement for digital data processing system which has demand paged memory".

750|Del|85. Gruit Essex AG., "Polymeric resins derived from 1-oxa-3-Aza-tetraline group-containing compounds and cycloaliphatic epoxides".

751|Del|85. Morgan Construction Co., "Rolling mill roll stand".

13th September, 1985

752|Del|85. Glaxo Group Limited, "Chemical compounds and a process for their preparations".

753|Del|85. Colgate Palmolive Co., "A dentifrice composition". [Divisional date 8th June, 1982].

754|Del|85. The Halcon SD Group, Inc., "Process for preparing alkylene oxides from alkylene carbonates".

16th September, 1985

755|Del|85. Unisystems Private Limited, "A pouch". [Divisional date 25th August, 1984].

756|Del|85. NL Industries, Inc., "A method of insulating casing in a wellbore". (Convention date November 16, 1981) (U.K.).

757|Del|85. NL Industries, Inc., "A method for forming a gelled oil base fluid", (Convention date November 16, 1981) (U.K.).

758|Del|85. William Lyon Sherwood, "Continuous vacuum degassing and casting of steel".

17th September, 1985

759|Del|85. Colgate Palmolive Company, "Antiplaque dentifrice having improved flavor".

760|Del|85. Master Marine A|S, "Product based on polyvinyl chloride foam and process of producing same".

761|Del|85. General Foods Corporation, "Simultaneous coffee hydrolysis and oil extraction".

18th September, 1985

762|Del|85. Loxon Institute For Research, Inc., "Apparatus for clarification of water".

763|Del|85. Boliden Aktiebolag., "A method for the purification of gases containing mercury and simultaneous recovery of the mercury in metallic form".

764|Del|85. Deutsche Forschungs-Und Versuchsanstalt for luft-und Raumfahrt, "e.v., A navigational system using satellites".

765|Del|85. Imperial Chemical Industries PLC., "Non woven fibrous materials". (Convention date 3rd October, 84) (U.K.).

766|Del|85. Francis George Kirk, "Bicycle frame and bicycle".

767|Del|85. Camillo Pirovano, "Animal feed delivery and metering unit".

19th September, 1985

768|Del|85. BP Chemicals Ltd., "Process for the polymerisation of ethylene or the copolymerisation of ethylene and alphaolefins in a fluidised bed in the presence of a chromium based catalyst".

769|Del|85. Barry L. Butler, "Centerless drive solar collector system".

20th September, 1985

770|Del|85. Miner Enterprises, Inc., "Polymeric apparatus & method of making same".

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH 61, WALLAJAH ROAD, MADRAS-600 002

26th August, 1985

662|Mas|85. The Dow Chemical Company. A frother composition and a froth flotation process for the recovery of coal values from raw coal.

663|Mas|85. The Dow Chemical Company. A frother composition and a froth flotation process for the recovery of mineral values from ore.

664|Mas|85. BBC Brown, Boveri & Company Limited. Gas-Blast Switch.

665|Mas|85. Group II Manufacturing Ltd. Creation of a parting zone in a crystal structure.

28th August, 1985

666|Mas|85. H. S. Yogendra. Liquid Balance.

667|Mas|85. Reimbold & Strick GmbH & Co. Annular Gap-Type Ball Mill.

668|Mas|85. Kelco|Ail International Ltd. Calcium control system. (August 30, 1984; United Kingdom).

669|Mas|85. Hackforth GmbH & Co. KG. Highly resilient shaft coupling.

670|Mas|85. Raychem Corporation. Sheet Heaters having dissociated insulation.

671|Mas|85. Raychem Corporation. Making electrical contact between metals and resistive elements.

672|Mas|85. Charbonnages De France. Power circuit and trigger device comprising same.

29th August, 1985

673|Mas|85. International Standard Electric Corporation. A method for searching sparse databases using an associative technique.

674|Mas|85. Kraft, Incorporated. Manufacture of High-solids Pre-cheese and cheeses.

675|Mas|85. Kraft, Incorporated. Manufacture of cheese and curd.

676|Mas|85. International Standard Electric Corporation. Method for searching an association matrix.

677|Mas|85. Teikoku Hormone Mfg. Co., Ltd. 2-(3, 5-Dialkyl-4-Hydroxyphenyl) Indole Derivatives,

30th August, 1985

678|Mas|85. Raychem Corporation. Heat Stable Polymeric Gelooids. (February 1, 1985; United Kingdom).

679|Mas|85. Stamicarbon B.V. Process for removing particles from a gaseous medium.

680|Mas|85. A. H. Robins Company, Incorporated. Process for the preparation of aromatic-1, 4-oxazepinones and thiones.

681|Mas|85. Sealey Building Systems Pty. Ltd. A building construction. (August 31, 1984; Australia).

2nd September, 1985

682|Mas|85. S. Nageswar. Non toxic bath for silver electroplating.

683|Mas|85. A. K. Singh & S. K. Singh. Double filament bulb with two way matched holder for A.C. mains operation.

684|Mas|85. Hoechst Aktiengesellschaft. Desensitized red phosphorus.

685|Mas|85. Hoechst Aktiengesellschaft. Stabilized and de-sensitized flowable red phosphorus.

686|Mas|85. Gildemeister DeVLIEC System-Werkzeuge GmbH. Tool and workpiece holding arrangement for material removing machining.

3rd September, 1985

687|Mas|85. Henkel Kommanditgesellschaft auf Aktien. A process for recovering a pepper extract having insecticidal activity.

688|Mas|85. Maschinenfabrik Rieter AG. Fibre feed passage for Friction spinning devices.

689|Mas|85. Dynamit Nobel Aktiengesellschaft. Process for eliminating surface tack of plasticizer-containing polyvinyl butyral films according to the extrusion method.

690|Mas|85. Enichimica Secondaria S.p.A. Process for the preparation of 2, 3-bihydro-2, 2-dimethyl-7-benzofuranol. (Divisional to Patent Application No. 284|Mas|84).

4th September, 1985

691|Mas|85. Katowickie Gwarectwo Weglowe Kopalnia Węgla Kamiennego Wieczorek. A method of mining the deposits with maintenance of permanent control of deformation of the surface especially within the range of the influence of mining.

5th September, 1985

692|Mas|85. Buss Ag. Method and apparatus for the continuous production of electrode material.

693|Mas|85. Norddeutsche Faserwerke GmbH. Method for producing flat yarn.

694|Mas|85. Kubota. Ltd. Separation preventive pipe joint.

6th September, 1985

695|Mas|85. Ajith Kumar Thalodil Varghese. A puzzle.

696|Mas|85. H. H. Weng. Biasing circuit for telephone extension set.

697|Mas|85. Masataro SATO. Brake System for vehicles.

698|Mas|85. Eltech Systems Corporation. Non-organic/polymer fiber composite, method of making same and use including dimensionally stable separator.

699|Mas|85. Amsted Industries Incorporated. Railway Coupler Carrier Retention System.

700|Mas|85. Mitsui Toatsu Chemicals, Inc. Process for preparation of novel aromatic alkane derivatives. (Divisional to Patent Application No. 614|Cal|83).

701|Mas|85. Sumitomo Metal Industries, Ltd. Continuous Rolling method and continuous rolling mill.

9th September, 1985

702|Mas|85. BBC Brown, Boveri & Company, Limited. Gas-blast switch.

703|Mas|85. Sereg. A globe valve having a dismountable seat for rapid maintenance.

10th September, 1985

704|Mas|85. J. Abraham. Tappers Lamp.

705|Mas|85. V. Suseela. An improved process and machine for petroleum jelly filling of plastic telephone cable cores.

706|Mas|85. Adrian March Research Limited. A position sensor. (September 12, 1984; United Kingdom).

707|Mas|85. Kabushiki Kaisha Kobe Seiko Sho (also known as Kobe Steel Ltd.). Method and apparatus for fluidized bed reduction of iron ore.

708|Mas|85. Valhalla Investments Limited. Flat proof tyre with reusable core and method of installation. (September 10, 1984; Canada).

709|Mas|85. Acme Resin Corporation. Phenolic resin binders for foundry and refractory uses.

710|Mas|85. Maschinenfabrik Rieter AG. Transport duct for fibre flock.

711|Mas|85. Stamcarbon B.V. Process for the continuous preparation of homogeneous solutions of high-molecular polymers.

12th September, 1985

712|Mas|85. K. R. Jothiraman & K. R. Ramanujam. Improvement in or relating to automatic flow control device machine.

713|Mas|85. Electronics Corporation of India Ltd. A cockpit voice recorder.

714|Mas|85. Raychem Corporation. Modular Electrical Heater. (September 14, 1984; United Kingdom).

715|Mas|85. Hoechst Aktiengesellschaft. Process for electrically separating the electrolyte-bearing mains from the electrolyte spaces of an electrochemical cell pile.

716|Mas|85. S. V. Rajamanickam. Effluent water treatment and recovery of sodium formate from the effluent.

13th September, 1985

717|Mas|85. Bedi & Bedi Private Ltd. A uniclonel dust collection system.

718|Mas|85. Raychem Limited. Articles comprising shaped woven fabrics. (September 14, 1984; United Kingdom).

719|Mas|85. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. A method and apparatus for separating dust from fibre.

ALTERATION OF DATE

156771. Ante dated to 1st April, 1980.
(1073|Cal|83).

156772. Ante dated to 1st April, 1980.
(1076|Cal|83).

156791. Ante dated to 9th January, 1981.
(1012|Cal|83).

CLASS : 119-F₃.

Int. Cl. D 03 j 1/00.

WEFT DETECTING DEVICE IN WEAVING MACHINE.

Applicant : KABUSHIKI KAISHA TOYODA JIDOSHOKI SEISAKUSHO OF 1, TOYODA-CHO 2-CHOME CITY OF KARIYA, AICHI PREFECTURE, JAPAN.

Inventor : 1. MITSUHEI KAWAI.

Application No. 977|Cal|82 filed August 23, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

Weft detecting device in a weaving machine, having a control circuit which includes means for providing first signal transmitted in conjunction with the operation of said weft detecting device and means for providing second signal transmitted in synchronism with the rotation of main shaft of the weaving machine, wherein said control circuit includes in indicating means operable by concurrence of said first and second signals; and selector switch means which in one position, is adapted to keep said weaving machine in running condition even when the said first and second signals concur.

Compl. Specn. 13 pages.

Drgs. 2 sheets.

CLASS : 152-F.

156765

Int. Cl. : C 08 f 29|04, 29|38.

FAST-CURING FOAMABLE COMPOSITION BASED ON ETHYLENE TERPOLYMERS.

Applicant : BATA LIMITED, OF 59 WYNFORD DRIVE, TORONTO, ONTARIO, CANADA M3C 1K3.

Inventor : 1. JOHN RYS-SIKORA.

Application No. 1062|Cal|82 filed September 14, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Fast-curing foamable composition based on ethylene ter polymers a terpolymer of

(i) ethylene;

(ii) 10 to 40 percent by weight of a softening monomer selected from the group consisting of alkyl acrylates and methacrylates having linear or branched alkyl groups of 1 to 18 carbon atoms, vinyl esters of saturated carboxylic acids having 1 to 18 carbon atoms and vinyl alkyl ethers wherein the alkyl group contains 1 to 18 carbon atoms; and

(iii) 1.0 to 20 percent by weight carbon monoxide such that the melt index of the terpolymer is 0.5 to 500;

(a) a known free radical cross linking agent;

(b) a known chemical blowing agent; and when desired

(c) less than 50 weight percent natural rubber; wherein :

the free radical crosslinking agent is present in an amount equal to about 0. to 5.0 percent by weight of the composition and the chemical blowing agent is present in an amount equal to about 0.5 to 20 percent by weight of the composition.

Compl. Specn. 14 pages.

Drgs. Nil.

156764

CLASS : 131-B₃.

Int. Cl. : E21 b 49|00.

156766

LOGGING APPARATUS USING A SONDE WITH PADS EXCLUSIVELY FOR DIP MEASUREMENTS.

Applicant : SCHLUMBERGER LIMITED, OF 277 PARK AVENUE, NEW YORK, N.Y. 10172, U.S.A.

Inventors : 1 PASCAL PANETTA, 2. JACQUES THOMELIN.

Application No. 1083|Cal|82 filed September 18, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

Logging apparatus using a sonde with pads, especially for dip measurements for investigating the formations traversed by a section of a deviated borehole, comprising : an elongated electronic cartridge arranged to be connected to a cable; and an elongated measuring sonde connected to the cartridge by means of a joint allowing an angular offset between the axis of the sonde and that of the cartridge, the sonde including a body member, four main arms articulated on the body member and distributed regularly around said body member, the opposite arms being forced to remain symmetrically in relation to the axis of the sonde, a secondary arm associated with each main arm, articulated on the body member, four measuring pads connected to the ends of the respective main arms and secondary arms in a parallelogram configuration, the pads thus remaining parallel to the axis of the sonde, the dimension of the pads parallel to the axis of the sonde being at most substantially equal to twice the transverse dimension D of the sonde, resilient means acting to extend the pads away from the body member and a mechanism capable of overcoming the action of the resilient means to retract the pads against the body member.

Compl. Specn. 38 pages.

Drgs. 7 sheets.

CLASS : 133-A.

156767

Int. Cl. : H 02 n 11|00.

D. C. MOTOR FOR A VEHICLE.

Applicant : HITACHI, LTD. OF 5-1, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : 1. YOSHIHISA ISHIKAWA.

Application No. 1182|Cal|82 filed October 12, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A d.c. motor and in particular a d.c. series motor for a vehicle driven by a pulsating current, comprising :

an inductive shunt connected in parallel with a main pole winding, said inductive shunt having an inductance larger than 20% of an inductance of said main pole winding.

Compl. Specn. 11 pages.

Drgs. 2 sheets.

CLASS : 174-B.

156768

Int. Cl. : A 47 c 23|05.

SPRING ELEMENT FOR ABSORPTION OF A FORCE ACTING OPPOSITE OR AT AN ANGLE TO THE FORMER FORCE.

Applicant & Inventor : JACK B. KEOWN, OF HAGELER-STRASSE 71, CH-5400 BADEN SWITZERLAND.

Application No. 1205|Cal|82 filed October 15, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

Spring element for absorption of a force acting on the element by a supporting force acting opposite or at an angle to the former force wherein at least one closed series of curves (1, 2, 1 3) of bars is foreseen, of which at least two opposite, connected bars (3) are joined together by means of a connecting bar (2) at points located at a distance from the end points of the connected bars (3), whereas the one force attacks at least one free bar (1) connecting the end points of the connecting bar (2) or of the free bar (1) as is at a distance from its connection with the connected bar (3), and wherein of the three members or member pairs : (A) connected bars (3), (B) free bars (1) and (C) connecting bar (2) at least two members or member pairs are of springing construction.

Compl. Specn. 14 pages.

Drgs. 2 sheets.

CLASS : 40-E. 156769

Int. Cl. : B 04 b 1.00.

APPARATUS FOR TRANSFER OF LIQUID AND REMOVAL OF GASES FROM LIQUIDS.

Applicant : RICHTER GEDEON VEGYESZETI GYAR R.T., '9-21, GYOMROL UT, BUDAPEST-X, 1475 HUNGARY.

Inventors : 1. ZOLTAN BANOS, 2. DR. ISTVAN TAKACS, 3. ENDRE VERECZKEY, 4. DEZSO VIGH.

Application No. 1428/Cal/82 filed December 8, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims

Apparatus for transfer of liquids and removal of gases from liquids, which has a chamber incorporating an impeller, wherein a wall delimiting the chamber has a liquid inlet port and a liquid outlet port, characterized in that the chamber (3) is divided into upper space-part (10) and lower space-part (11) by separating wall (9) comprising a transfer port (12) and cubic capacity of the upper space-part (10) exceeds the cubic capacity of the power space-part (11), and said impeller (13) is arranged in the lower space-part (11), and the liquid inlet port leads into the upper space-part (10), and the liquid outlet port is led from the lower space-part (11), and a gas discharge hole is formed in the chamber wall that delimits the upper space-part (10).

Compl. Specn. 27 pages.

Drgs. Nil.

CLASS : 103. 156770

Int. Cl. : C 23 f 9/02, 11/00.

A METHOD FOR PASSIVATING THE SURFACE OF THE STRIPPERS OF UREA MANUFACTURING PLANTS.

Applicant : MONTEDISON S.p.A., OF 31, FORO BUONAPARTE, MILAN, ITALY.

Inventors : 1. GIORGIO PAGANI, 2. GIUSEPPE FAITA, 3. UBALDO GRASSINI.

Application No. 248/Cal/83 filed March 1, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A method for passivating the surface of the strippers of the urea manufacturing plants, where the temperatures are very high, where the pressures range from 120 to 240 Kg/cm², and where the effluent process flow from the synthesis reactor undergoes one or more falling-film evaporation, preferably in countercurrent with a driving gas consisting of NH₃ or CO₂, wherein the CO₂ amount is substantially equal to the stoichiometrical requirement and wherein the NH₃ amount is such as to keep the global NH₃ : CO₂ molar ratio between 2.5 and

10, characterized by the fact that the passivation is carried out by means of a synergistic combination of oxygen, injected into the bottom of at least one stripper, and of a second passivating agent, injected into the process flow entering the head of at least one stripper, wherein said second passivating agent is injected in the liquid state or as a liquid solution, before or contemporaneously to the start of the evaporation, and is selected from the group comprising H₂O₂, NH₄NO₂, alkali metal or alkaline earth nitrates, alkali metal persulfates, (NH₄)₂S₂O₈, KTCO₄, alkali metal perborates, peracetic acid and organic peroxides.

Compl. Specn. 15 pages.

Drgs. 1 sheet.

CLASS : 32-E.

156771

Int. Cl. : C 08 f 1/00, 3/00, 15/00.

PROCESS FOR THE POLYMERIZATION OF ALKENES-1 AND FOR THE COPOLYMERIZATION OF ALKENES-1 WITH EACH OTHER OR WITH ETHYLENE.

Applicant : STAMICARBON B.V., OF P.O. BOX 10, GELEEN, THE NETHERLANDS.

Inventors : 1. JACOBUS ANTONIUS LOONTJENS, 2. DENISE IRENE LILIANE JACOMEN.

Application No. 1073/Cal/83 filed September 3, 1983.

Division of Application No. 373/Cal/80 dated, 1st April, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Process for the polymerization of alkenes-1 and for the copolymerization of alkenes-1 with each other or with ethylene, with the application of a catalyst system characterised in that the catalyst system consist of (a) a titanium component, which titanium component contains a halogenated titanium compound, an electron donor, and a metal halide, and of (b) an organometal component such as herein described derived from a metal of one of the groups I-III of the Period System of the Elements, the ratio between titanium atoms of component (a) and a metal of one of the groups I-III of the Period System of the Elements atoms of component (b) being between 1 : 10 and 1 : 1000, wherein said titanium component is obtained by reacting an organic aluminium compound such as herein described and an organic magnesium compound such as herein described with an aluminium : magnesium molar ratio of between 1 : 99 and 1 : 1, with a halogenating agent of the formula RX_m wherein R is a hydrocarbon group, a hydrogen atom or a halogen atom, X is a halogen atom, and m is a whole number from 1-10, to form a metal halide, thereafter contacting said metal halide with a titanium halide compound and with the electron donor.

Compl. Specn. 19 pages.

Drgs. Nil.

CLASS : 32-E.

156772

Int. Cl. : C 08 f 1/00, 3/00, 15/00.

A PROCESS FOR THE POLYMERIZATION OF ALKENES-1 AND FOR THE COPOLYMERIZATION OF ALKENES-1 WITH EACH OTHER OR WITH ETHYLENE.

Applicant : STAMICARBON B.V., OF P.O. BOX 10, GELEEN, THE NETHERLANDS.

Inventors : 1. JACOBUS ANTONIUS LOONTJENS, 2. DENISE IRENE LILIANE JACOMEN.

Application No. 1076/Cal/83 filed September 3, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A process for the polymerization of alkenes-1 and for the copolymerization of alkenes-1 with each other or with ethylene, with the application of a catalyst system characterised in that the catalyst system consist of (a) a titanium component, which titanium contains from 0.1% to 10% by weight of titanium in the form of a halogenated titanium compound,

an electron donor such as herein described and mixture of a magnesium halide and an aluminium halide, and (b) an organometal component such as herein described of one of the groups I-III of the periodic system of the Elements, wherein in said titanium component the ratio by weight of titanium : magnesium : aluminium is 1 : (0.5 to 20) : (0.05 to 2.5) and the ratio by weight of magnesium : aluminium is at least 3 : 1, and said titanium component is obtained by treating a mixture of the magnesium halide and the uncomplexed aluminium halide with a titanium halide compound and with an electron donor.

Compl. Specn. 16 pages.

Drgs. 1 sheet.

CLASS : 169-B₁.

156773

Int. Cl. : F 41C 11|00.

“AMMUNITION STRIPPING DEVICE FOR A FIRE-ARM”.

Applicant : AKTIBOLAGET BOFORS, A JOINT-STOCK COMPANY ORGANISED UNDER THE LAWS OF SWEDEN, OF S-691 80 BOFORS SWEDEN.

Inventor : STEN HALLQVIST; ERIKSSON ERIK.

Application for Patent No. 863/Del/80 filed on 2nd December, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

An ammunition stripping device for a firearm having a barrel with a chamber surrounded by a breech ring for receiving a locking breech screw and a ramming unit for ramming a round of ammunition followed by a charge into said chamber, said stripping device including a stripper mounted on said breech ring and means for moving said stripper from a first position away from the path of a shell being rammed by said ramming unit into said chamber to a second position at which said stripper depends into the ramming path to strip the charge from the ramming unit during the withdrawal of the ramming unit and retains the charge in said chamber and a locking mechanism arranged in said breech ring to retain said stripper in said first position and operable by said ramming unit as it reaches a predetermined position when ramming a round of ammunition and a charge into said chamber to release said stripper so that it is free to move towards its second position in which it is engaging the rear end of said charge as the latter reaches a predetermined position in said chamber, said breech screw engaging said stripper when being locked to said breech ring to move the stripper to its first position where it is engaged by said locking mechanism to retain the stripper in its first position.

Compl. Specn. 11 pages.

Drgs. 2 sheets.

CLASS : 169-B₁.

156774

Int. Cl. : F 41C 11|00.

“BREECH RING MECHANISM FOR A FIREARM”.

Applicant : AKTIBOLAGET BOFORS, A JOINT-STOCK COMPANY ORGANISED UNDER THE LAWS OF SWEDEN, OF S-691 80 BOFORS SWEDEN.

Inventor : STEN HALLQVIST & ERIKSSON ERIK.

Application for patent No. 864/Del/80 filed on 2nd December, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

A breech mechanism for a firearm said firearm having a barrel and a loading chamber with an entrance; said mechanism including a breech ring surrounding the entrance to the loading chamber and a breech screw adapted to be locked to

said ring to close off the entrance to said chamber, the ring and screw each having threaded sectors disposed thereabout alternating with non-threaded sectors forming recesses between the threaded sectors so that when said screw is first engaged with said ring, the threaded sectors on said screw are located in the recesses in said ring and on rotating the screw relative to said ring the threaded sectors of said screw engage the threaded sectors of said ring for said closing off of said entrance to said chamber; two or more of the recesses in said ring each being provided with a spring loaded retaining member; each said spring loaded retaining member in an unstressed condition or when said screw is not engaged with the ring having at least a portion thereof which protrudes beyond the threads on immediately adjacent threaded sectors of the ring in order to retain a charge rammed into said chamber; and wherein when said screw is first engaged in said ring said spring loaded retaining members are forced into the bottom of the recesses in said ring by the threaded sectors of the screw.

Compl. Specn. 12 pages.

Drgs. 2 sheets.

CLASS : 76 E, 145B, 38, 116C & 127C.

156775

Int. Cl. : F16g 3|02, 13|08, B65g 17|38.

“METHOD FOR THE PRODUCTION OF A LINK BELT AND A LINK BELT PRODUCED THEREBY”.

Applicant : PORRITTS AND SPENCER (ASIA) LTD., OF 308-9, KANCHENJUNGA, 18, BARAKHAMBA ROAD, NEW DELHI, INDIA, AN INDIAN COMPANY.

Inventor : GERRIT WILLEM EGBERT LEUVELINK.

Application for patent No. 905/Del/80 filed on 17th December, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

14 Claims

A method for the manufacture of a link-belt comprising a plurality of helical coils joined in side-by-side disposition by hinge wires of a thermoplastic monofilament material threaded through the interdigitated turns of adjacent such coils, including the steps of arranging adjacent coils in interdigitated disposition, threading a respective hinge wire through the interdigitated turns of each pair of adjacent coils, subjecting the resultant link structure to a suitable heat-setting temperature and longitudinal tension to cause the hinge wires to deform and assume a crimped configuration in the plane of the structure, and subsequently reducing the temperature of the structure.

Compl. Specn. 14 pages.

Drgs. 3 sheets.

CLASS : 32A₁.

156776

Int. Cl. : C09b 29|00.

“A PROCESS FOR THE PREPARATION OF CATIONIC ALKYLARYLHYDRAMONS DYESTUFFS”.

Applicant : BAYER AKTIENGESELLSCHAFT A BODY CORPORATE ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF 5090 LEVERKUSEN BAYERWERK FEDERAL REPUBLIC OF GERMANY, MANUFACTURERS.

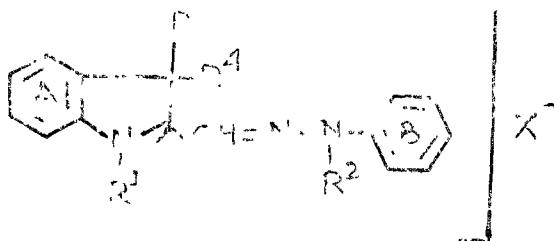
Inventors : RODERICH RARE AND HANSPETER KUHLTHAU.

Application for patent No. 315/Del/1981 filed on 20th May, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

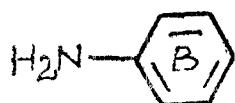
9 Claims

Process for the preparation of dyestuffs of the general formula I



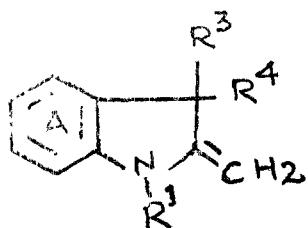
Formula I

R^1 and R^2 denote hydrogen, alkyl, alkenyl or aralkyl. R^3 and R^4 denote methyl or ethyl and X denotes an anion and wherein in the rings A and B the radicals R^1 and R^2 carry non-ionic substituents of the kind such as herein described characterised in that an amino as shown in formula III.

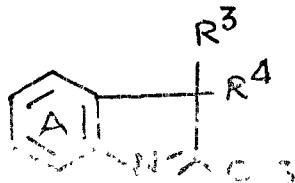


Formula III

B has the above-mentioned meaning, and a compound of the formula IVa or IVb



Formula IV(a)



Formula IV(b)

wherein R^1 , R^2 , R^3 and A have the above-mentioned meanings are reacted, in the presence of an acid such as herein described with a substance which releases nitrous acid such as herein described and if desired the resulting product is reacted with a compound of the kind such as herein described which forms the radicals R^1 and/or R^2 which represent alkyl, alkenyl or aralkyl which are optionally substituted by non-

June, 1980 8021395(U.K.).

Compl. Specn. 37 pages.

Drgs. 4 sheets.

156777

CLASS : 40 B & 88D.

Int. Cl. : B01j 11/00.

"A PROCESS FOR PRODUCING A GAS CONTAINING HYDROGEN".

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC., FORMERLY KNOWN AS IMPERIAL CHEMICAL INDUSTRIES LIMITED OF IMPERIAL CHEMICAL HOUSE, MILLBANK LONDON SW1P 3JF, ENGLAND, A BRITISH COMPANY.

ionic radicals, and X

Inventors : MARTYN VINCENT TWIGG & ELIZABETH ANNE IRVINE.

Application for Patent No. 373|Del|81 filed on 11th June, 1981.

Convention date 25th June, 1980|8020713|(U.K.) & 30th June; 1980 8021395|(U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

17 Claims

A process for producing a gas containing hydrogen by reaction in the gaseous phase of a hydrocarbon, hydrocarbon derivatives of the kind such as herein described or carbon monoxide with steam and/or carbondioxide characterised in that said reaction is carried out in the presence of a refractory support catalyst, said catalyst being provided in the form of hollow cylinders having walls 0.52 to 3mm thick, each cylinder having a primary support made of a refractory material of the kind such as herein described having a pore volume less than $0.3 \text{ cm}^3 \text{ g}^{-1}$ and surface area less than $10 \text{ m}^2 \text{ g}^{-1}$ and a coating thereon of a secondary support made of refractory oxidic material of the kind such as herein described having a pore volume greater than $0.3 \text{ cm}^3 \text{ g}^{-1}$ and an internal surface area in the range 15—300 $\text{m}^2 \text{ g}^{-1}$, said secondary support having deposited thereon a catalyst comprising nickel and/or cobalt.

Compl. Specn. 22 pages.

CLASS 32F₂(b).

156778

Int. Cl. : C07d 49/00.

"A PROCESS FOR THE SYNTHESIS OF 2, 2'-DICARBALKOXY AMINO 5, 5'-DIBENZIMIDAMOLYL DERIVATIVES".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860).

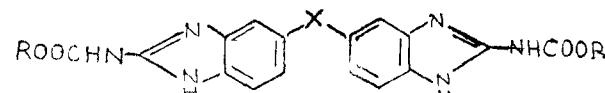
Inventors : SYED ABUZAR, SATYAVAN SHARMA, JAGDISH CHANDRA KATIYAR, PRADEEP KUMAR SINGH VISEN, SHIVE RAM AND AMIYA BHUSHAN SEN.

Application for Patent No. 379|Del|81 filed on 12th June, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

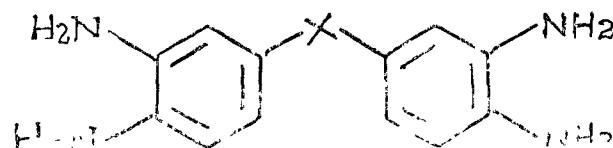
5 Claims

A process for the synthesis of 2, 2'-dicarbalkoxyamino-5, 5'-dibenzimidazolyls of general formula III



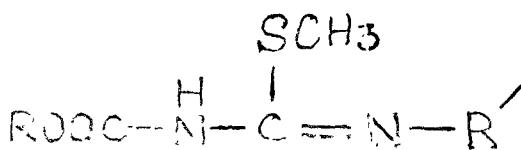
Formula III

comprises reacting tetraamino diphenyls of general formula I



Formula I

with carbalkoxy-S-methyl isothiourea of general formula II



Formula II

in the presence of an organic solvent such as herein described at the boiling point of the reaction mixture wherein X is sulphur, sulphur monoxide or sulphur dioxide radical and R is an alkyl radical and R' is hydrogen or a COOR radical.

Compl. Specn. 6 pages.

Drgs. 1 sheet.

CLASS : 32E. 156779
Int. Cl. : C08F 47/00.

"A PROCESS FOR PREPARING AN AQUEOUS DISPERSION OF POLYMER SUITABLE FOR USE IN A CATHODIC ELECTRODEPOSITION PROCESS".

Inventor : GOBSON DAVID VINCENT, MCKAY GARRY MICHAEL, SWALWELL JOHN EDWARD.

Application for patent No. 425|Del|1981 filed on 2nd July, 1981.

Convention dates 3rd July, 1980|PE4360|(Australia), 16th June, 1981|PE9302|(Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

13 Claims

A process of preparing an aqueous dispersion of particles of film-forming polymer suitable for use in a cathodic electrodeposition process, the said process consisting of the following steps in combination :

- (1) Pre-formed polymer or polymer plasticiser dissolved in polymerisable α , β -ethylenically unsaturated monomer which has a maximum solubility in water of 10% by weight at 25°C is stably dispersed in water in the presence of surface active agent; and
- (2) unsaturated monomer in the dispersion is polymerised to form a particulate dispersion of film-forming polymer wherein the particles comprise blends of pre-formed polymer or polymer plasticiser and polymer formed in situ from the unsaturated monomer;

characterised in that the stable dispersion in water prior to the initiation of polymerisation has a pH of less than 10 but when subjected to the pH stability test described herein above becomes unstable at a pH of 10-11 and the surface active agent such as herein described is a cationic surface active agent which has a hydrophilic-lipophilic balance (H.L.B. value) of at least 8.

Complete Specification 36 pages.

CLASS : 169A, B. 156780
Int. Cl. : F41f 11/00; F41d 9/00, 11/00.

"FIREARM HAVING A BODY AND A ROTARY MAGAZINE".

Applicant : THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, OF WHITEHALL, LONDON SW1A 2HB, ENGLAND, A BRITISH CORPORATION SOLE.

Inventors : NURMAN TREVOR BRINT AND JACK WILLIAM COMLEY.

Application for Patent No. 427|Del|81 filed on 3rd July, 1981.

Convention date 14th July, 1980|80 22930 (G.B.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

15 Claims

A firearm having a body and a rotary magazine comprising : a magazine body defining around part of its circumference an opening for insertion or withdrawal of a round of ammunition, and around a remaining part of its circumference defining a circumferential restraint for preventing insertion or withdrawal of ammunition, a carrier rotatable within the body about a carrier axis and having radially extending arms adjacent pairs of which define positive locations in which a round of ammunition can be accommodated on insertion through the opening, rounds being slideable longitudinally in said position locations; resilient carrier biasing means for urging the carrier to rotate in a particular bias direction; a guide member movable across the opening; said guide member having a guide surface facing against the bias direction so that a round inserted through the opening is guided into one of said positive locations and simultaneously rotates the carrier against its bias; said guide member having a round-retaining surface facing in the bias direction which can cooperate with one of the positive locations to positively retain the first inserted round against circumferential and radial movement; and restraining means for holding the guide member in a position such that the guide surface faces the opening whenever the carrier occupies the position corresponding to one in which the magazine contains less rounds of ammunition than its maximum capacity, the guide member being moveable against the bias direction during movement of the carrier corresponding to insertion of the final round so that the first inserted round may then pass through the position occupied at other times by the guide means.

Compl. Specn. 22 pages.

CLASS : 94F, 182A. 156781

Int. Cl. : C13c 1/04; B02c 13/04, 13/09.

"A SHREDDER OR FIBERIZER".

Applicant : BHUSHAN LAL MITTAL OF 12 AVAS VIKAS, CIVIL LANES, MORADABAD-244001, INDIA, AN INDIAN NATIONAL.

Inventor : BHUSHAN LAL MITTAL.

Application for Patent No. 435|Del|81 filed on 8th July, 1981.

Complete Specification left on 8th July, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A shredder or fiberizer comprising a housing with an inlet for receiving the feedstock, a rotor disposed within said housing and connected to any suitable drive means characterized in that a plurality of holder members is secured to the said rotor, in that each of the said holder members has a hammer fixed to it, in that a plurality of anvil plates is disposed in the casing adjacent to each other, in that each of the said anvil plates is hinged at one end to and within the said housing, in that each of said anvil plates is capable of an independent movement, in that the said anvil plates have biasing means and in that the front face of each of the said anvil plates has teeth or serrations.

Provisional Specification 8 pages.

Compl. Specn. 14 pages.

Drgs. 2 sheets.

CLASS : 94F, 182A.

156782

CLASS : 129G.

156784

Int. Cl. : C13c 1/04; B02c 13/04, 13/09.

Int. Cl. : B21k 1/00 1/06, B21c 23/00.

"A SHREDDER OR FIBERIZER".

Applicant : BHUSHAN LAL MITTAL OF 12 AVAS VIKAS, CIVIL LINES, MORADABAD-244 001, INDIA AN INDIAN NATIONAL.

Inventor : BHUSHAN LAL MITTAL.

Application for Patent No. 436/Del/81 filed on 8th July, 1981.

Complete Specification left on 8th July, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A shredder or fiberizer comprising a housing with an inlet for introduction of the material to be shredded or fiberized and an outlet for the shredded or fiberized material, a rotor disposed within the housing and having a plurality of holder members supporting a plurality of hammers, an anvil plate disposed within said housing and having a front face provided with a plurality of teeth or serrations characterized in that said teeth or serrations are formed into separate sets or groups, the upper ends of the teeth or serrations of each set being disposed along an inclined plane, the teeth or serrations of any one set being provided at different heights with respect to their base.

Provisional Specification 6 pages.

Compl. Specn. 11 pages.

Drgs. 1 sheet.

CLASS : 94F, 182A

156783

Int. Cl. : C13c 1/04; B02c 13/04, 13/09.

"A FIBERIZER FOR SHREDDING OR FIBERIZING FIBEROUS MATERIALS".

Applicant : BHUSHAN LAL MITTAL OF 12 AVAS VIKAS, CIVIL LINES, MORADABAD-244 001, INDIA AN INDIAN NATIONAL.

Inventor : BHUSHAN LAL MITTAL.

Application for Patent No. 437/Del/81 filed on 8th July, 1981.

Complete Specification left on 8th July, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

A fiberizer for shredding or fiberizing fibrous materials such as sugar-cane stalks comprising a casing having an opening forming the inlet for the introduction of the feedstock of fibrous materials, a rotor mounted on a shaft and disposed within the casing and the shaft being driven by an external power source, a plurality of hammers secured to the rotor or hammer holders on the rotor, an anvil plate having a lining with a plurality of serrations facing the rotor characterised in that each of the said hammers comprises a handle with a head at one end thereof, in that the said head extends on opposite sides of the said handle in the same horizontal plane and in that a cutting edge is formed at least on the leading side of the hammer.

Provisional Specification 5 pages.

Compl. Specn. 10 pages.

Drg. 1 sheet.

156782

CLASS : 129G.

156784

Int. Cl. : B21k 1/00 1/06, B21c 23/00.

"PROCESS FOR THE FORGING OF AXLES OR SHAFTS FOR RAILWAY ROLLING STOCK."

Applicant : COMPAGNIE FRANCAISE DES ACIERS SPECIAUX, A FRENCH COMPANY OF 8 RUE DE LA ROCHEFOUCAULD, 75009 PARIS, FRANCE.

Inventors : JEAN CAMBUZAT.

Application for Patent No. 439/Del/81 filed on 8th July, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

13 Claims

A process for the forging of axles or shafts for railway rolling stock from a solid or tubular blank the diameter of which is less than the greatest diameter of the finished axle, said axle being composed of a pair of spindles at either end, a deflector bearing surface abutting each spindle, at least one bearing surface abutting each deflector bearing surface and a central body located between said bearing surfaces, which process comprises heating at least one end of said blank to a temperature in the range of from 1100°C to 1300°C and subjecting said heated end to simultaneous extrusion and drawing to form a spindle, deflector bearing surface and wheel bearing surface and thereafter heating the other end of said blank and subjecting it to simultaneous extrusion and drawing in a similar manner.

Compl. Specn. 21 pages.

Drgs. 5 sheets.

CLASS : 126B, 131A.

156785

Int. Cl. : F 21l 43/00, 49/00.

"APPARATUS FOR SAMPLING AND TESTING BORE HOLE FORMATION FLUIDS".

Applicant : STANDARD OIL COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF INDIANA, OF 200 EAST RANDOLPH DRIVE, CHICAGO, ILLINOIS 60601, UNITED STATES OF AMERICA.

Inventor : ALFRED HENRY JAGELER.

Application for Patent No. 440/Del/81 filed on 8th July, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

12 Claims

Apparatus for sampling and testing bore hole formation fluids, said apparatus comprising a downhole tool having:

- (a) a pair of expandable packers for isolating an interval of the bore hole;
- (b) means for expanding the packers;
- (c) means for withdrawing fluid from said isolated interval;
- (d) a test chamber for receiving fluid withdrawn from said interval;
- (e) means for measuring a property such as herein described of fluid located in said test chamber;
- (f) a sample collection chamber connected to receive fluid from said test chamber;
- (g) signal transmission means for transmitting a data signal representative of said measured property; and
- (h) means for controlling flow of fluid from test chamber to said sample chamber.

Compl. Specn. 14 pages.

Drg. 1 sheet.

CLASS . 40-B

156786

2 Claims

Int Cl B 01 J 11/46

PROCESS FOR OBTAINING IMPROVED TELLURIUM CONTAINING METAL OXIDE CATALYSTS

Applicant NISSO CHEMICAL INDUSTRY CO, LTD, OF NO 51, MARUNOUCHI 1 CHOME CHIYODA-KU, TOKYO, JAPAN

Inventors 1 YUTAKA SASAKI 2 YUTAKA KIYOMIYA 3 TOSHIRO SAKAMURA

Application No 550 Cal 92 filed May 15 1982

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Calcutta

9 Claims

A process for obtaining improved tellurium containing metal oxide catalyst used for oxidation, ammonoxidation or oxidative dehydrogenation reaction of organic compounds, characterized in that said process comprises heating in any known manner a tellurium containing metal oxide catalyst such as ferric before described and a tellurium containing solid such as hereinbefore described at a temperature up to 900°C in a gaseous atmosphere such as hereinbefore described the tellurium containing solid being present in an amount of at least 0.01% by weight based on the tellurium containing metal oxide catalyst

Compl specn 75 pages

Drg Nil

CLASS 123

156787

Int Cl A 01 n 7/00

PLANT GROWING COMPOSITIONS

Applicant UNILEVER PLC OF UNILEVER HOUSE BLACKFRIARS LONDON EC4, ENGLAND

Inventors 1 JOHN ANTHONY BOSLEY 2 ROGER BRIAN PINE 3 SIR GEORGE ALFRED SYMIEEN

Application No 928/Cal/82 filed August 5 1982

Convention dated 7th August, 1981 (8124256) United Kingdom

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office, Calcutta.

9 Claims

A plant growing composition comprising partially hydrated water retentive polymer gel particles, having an average particle size of 0.125 mm to 5 mm and water content of 16%–80% by weight, rendered free flowing by the presence of 3%–20% by weight of a finely particulate flow agent such as herein described, and an aqueous plant nutrient solution and/or one or more conventional plant growing medium such as soil, peat, loam, or compost

Compl specn 29 pages

Drg Nil

CLASS 76-H

156788

Int Cl F 02 b 3/16

ROTARY SHAFT WATER SEAL DEVICE IN HYDRAULIC MACHINE

Applicant HITACHI LTD OF 5-1 MARUNOUCHI 1 CHOME, CHIYODA-KU, TOKYO, JAPAN

Inventor 1 MUNIO MAFGAWA

Application No 1256/Cal/82 filed October 22 1982

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

A rotary shaft water seal device in a hydraulic machine, wherein a solid packing as herein defined in which a plurality of circular arcuate segments are annularly arranged such that adjacent segments are spaced apart from each other through a slight gap is received in a packing box provided on the outer periphery of a rotary shaft with the inner peripheral surface of said packing being brought into sliding contact with the outer peripheral surface of said rotary shaft and guide members to guide the segments to be displaced in the radial direction of the axis of the segments are provided on the packing box, respectively characterized in that each of said guide member is disposed in a space formed between the adjacent segments and outside said gap, being solidly secured to the packing box

Compl specn 12 pages

Drg 4 sheets

CLASS 141 L

156789

Int Cl C 22 b 1/02

ROASTING OF MIXED SULPHIDE ORES OR CONCENTRATES

Applicant ISC SMELTING LIMITED, OF 6, ST JAMES SQUARE LONDON SW1Y 4LD, ENGLAND

Inventors 1 ALBERT KRUGER 2 RICHARD HEALEY

Application No 270/Cal/83 filed March 4, 1983

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Calcutta

6 Claims

A process for roasting a material containing both zinc sulphide and lead sulphide to give an oxidic product, comprising forming the material into pellets of between 2 and 15 mm diameter with the incorporation of between 2 and 20% by weight of zinc oxide powder, and roasting these pellets in an oxygen containing gas in at least two stages the first being at 850–950°C and the last being at 950°C–1050°C

Compl specn 9 pages

Drg Nil

CLASS 32-C, D & E

156790

Int Cl C 07 c 27/10 35/08 49/30

PROCESS FOR PREPARING CYCLOHEXANOL AND CYCLOHEXANONE

Applicant STAMICAPPON BV OF PO BOX 10, 630 MC OTTEN THE NETHERLANDS

Inventors 1 JOHANNES GERARDUS HUBERTUS MARIA FOUSMA'S 2 SIMON PLIRUS JOHANNES MARIA VAN NISSEN 3 OTTO GERRIT PLANTEMA

Application No 489/Cal/83 filed April 23, 1983

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office, Calcutta

8 Claims

Process for preparing cyclohexanol and cyclohexanone by oxidizing cyclohexane with a gas containing molecular oxygen to form an oxidation mixture containing cyclohexyl hydroperoxide and treating the oxidation mixture with a metal salt in the presence of an aqueous solution of an alkaline hydroxide for the decomposition of the cyclohexyl hydroperoxide characterized in that the treatment of the oxidation mixture is effected at a temperature of 70–115°C and that at least in part of said treatment, the OH-concentration in the aqueous phase is kept at a value greater than 10%

Compl specn 9 pages

Drg Nil

CLASS : 67-A

156791

Int. Cl. : G 08 b 3/10.

AN ALARM SYSTEM FOR VEHICLES.

Applicant : JOHN WELSH, OF 1136 LINMAR DRIVE, NORTH CANTON, SUMIT COUNTRY, OHIO 44720, UNITED STATES OF AMERICA.

Inventor : 1. JOHN D. WILLIAMSON.

Application No. 1012/Cal/83 filed August 17, 1983.

Division of Application No. 24/Cal/81 dated 9th January, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An alarm circuit for detecting an unauthorised intrusion into a vehicle, comprising :

deactivation means for supplying a deactivation control signal;

transmitter means for broadcasting a radio frequency alarm signal, said transmitter means including power supply means for furnishing electrical power to said transmitter means, said power supply means adapted to continuously activate said transmitter means upon interruption of receipt of a deactivation control signal by said transmitter means, and power gate switch means for controlling the electrical connection of said transmitter means at all times said deactivation control signal is received by said transmitter means;

said deactivation means selectively disabling the continuous activation of said transmitter means by furnishing said deactivation control signal to said transmitter means; and,

control means for detecting an unauthorised intrusion into the vehicle and controlling the operational condition of said deactivation means.

Compl. specn. 15 pages.

Drg. 1 sheet.

CLASS : 126A

156792

Int. Cl. : G 01 r 21/00.

APPARATUS FOR MEASURING SINGLE PHASE REACTIVE POWER IN AN AC CIRCUIT.

Applicant : CGEE ALSTHOM, A FRENCH COMPANY OF 13 RUE ANTONIN RAYNAUD, 92309 LEVALLOIS-PERRET, FRANCH.

Inventor : JEAN-CLAUDE GUILLOUX.

Application for Patent No. 443/Del/81 filed on 13th July, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

Apparatus for measuring single phase reactive power in an electric AC circuit operating at an angular frequency W , the apparatus comprising a multiplier circuit having one input connected via a $\pi/2$ phase shifter to receive an image of the instantaneous value of the voltage in said circuit, and another input connected to receive an image of the instantaneous value of the current in said circuit, the output signal from the multiplier being applied to a notch filter for removing signal components at an angular frequency of $2W$, wherein the filter is an active filter in the form of a double bridged T with a first T branch being driven by a first amplifier and being constituted by first and second series-connected resistors making up the cross bar of the T with a first capacitor making the upright of the T, and with a second T branch being driven by a second amplifier and being constituted by second and third series-connected capacitors making up the cross bar of the T with a third resistor making the upright of the T, the stop frequency of the filter being adjustable by varying the gain of said first and second amplifiers.

Compl. specn. 9 pages. Drg. 2 sheets.

CLASS : 129J

156793

Int. Cl. : B 21 b 13/00.

ROLLING MILL.

Applicant : MORGAN CONSTRUCTION COMPANY, OF 15 BELMONT STREET, WORCESTER, MASSACHUSETTS 01605, UNITED STATES OF AMERICA, A CORPORATION ORGANIZED UNDER THE LAWS OF THE COMMONWEALTH OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor : DAVID LEE PARISEAU AND PHILIP WYKES.

Application for Patent No. 444/Del/81 filed on 13th July, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A rolling mill comprising :

(a) a stationary housing structure having a plurality of mutually spaced posts extending transversally across the rolling line with openings in the posts aligned with the rolling line to accommodate passage of the product being rolled, the posts being rigidly inter-connected by fixed bridging members which extend in the direction of the rolling line between the posts and which cooperate with the posts to define a plurality of rolling bays with windows facing one side of the housing structure;

(b) a plurality of roll packages each including pairs of work rolls rotatably supported between bearing chocks, the roll packages being adapted to be passed through the windows of the rolling bays into and out of operative rolling positions at which :

(i) the roll packages are aligned along the rolling line

(ii) the roll axes of at least some of the successive roll packages are at 90° angles relative to each other; and

(iii) successive roll packages are supported at least partially by single ones of said posts extending therebetween, the said single posts thus being subjected to bidirectional stresses during a rolling operation; and

(c) means detachably connected to work rolls of each roll package for driving said work rolls.

Compl. specn. 18 pages.

Drg. 7 sheets.

CLASS : 49 C & D

156794

Int. Cl. : A 47 j 19/00, 43/00.

A MULTIPURPOSE ELECTRICAL KITCHEN DEVICE.

Applicant : RAJINDER NATH, OF INDUSTRIAL ESTATE, AMBALA CITY, 134002, HARYANA, INDIA. AN INDIAN NATIONAL.

Inventor RAJINDER NATH

Application for Patent No 448/Del/81 filed on 14th July, 1981

Complete specification left on 1st July, 1982

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

6 Claims

An electrical kitchen device adapted to perform multiple functions such as blending, liquidizing of fruits and vegetables, grinding cereals and spices, juice extracting, slicing, grating or mincing of fruits and vegetables or kneading dough, comprising a base or drive housing having an electric motor disposed therein with its shaft arranged vertically, a first male coupling member fixed to the upper end of the motor shaft and adapted to be detachably engaged by a first female coupling member on the lower side of another unit such as a juice extractor unit, characterized by an intermediate unit having a gear mechanism therin, a second female coupling member on the lower side of the intermediate unit adapted to be detachably coupled to the said first male coupling member on the motor shaft, and a second male coupling member on the upper side of the intermediate unit adapted to be detachably coupled to a third female coupling member on the lower side of a juice extractor unit, grating or slicing unit, meat mincing unit or a dough kneading unit.

(Provisional specn 7 pages

Compl specn 11 pages

Drgs 2 sheets

CLASS 49D

156795

Int Cl B02c 7/00

‘AN ELECTRICALIY DRIVEN SLICER AND GRATER’

Applicant RAJINDER NATH OF INDUSTRIAL ESTATE, AMBALA CITY 134002, HARYANA INDIA AN INDIAN NATIONAL

Inventor RAJINDER NATH

Application for Patent No 450/Del/81 filed on 14th July, 1981

Complete Specification left on 9th July, 1982

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005

11 Claims

An electrically driven slicer and grater for vegetables, fruits and meat comprising a circular rotatable disc or plate secured on a tube, at least one cutting plate mounted on the upper face of the said plate or disc, said disc having a symmetrical cut out or also portion in the middle for locating the cutting plate, said cut out or slot having a bridge extending across its width at its middle portion on the reverse side of the said disc a ring or nut fitted on the tube for detachably securing the cutting plate on the said rotatable disc and a female coupling member on the lower side of the said disc for coupling the disc or plate to a vertical drive shaft, the said female coupling member being fixed on the said bridge, co-axial with the central axis of the said disc.

Provisional Specification 4 pages.

Compl Specn 8 pages

Drgs 2 sheets

CLASS 150 G C

156796

Int Cl F 16 I 15/00 F 16 b, 1/00

‘JOINT FOR CONNECTING A MALE PIPE MEMBER TO A FEMALE PIPE MEMBER’

Applicant VAILOURFC A FRENCH COMPANY OF 7 PLACE DU CHANCELLIER ADFNAUER, 75116 PARIS FRANCE

Inventor BERNARD PLAQUIN, PAUL BOUNIE AND JEAN MANTELLE

Application for Patent No 458 Del/81 filed on 16th July, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A joint for connecting a male pipe member to a female pipe member of the type in which a threaded end of the male member is screwed into the female member having a corresponding thread, wherein the male member has on its outer surface a circumferential groove and the female member has on its inner surface a circumferential groove which, in the screwed position, faces the groove of the male member, a ring shaped spring being provided for simultaneously engaging in the said grooves at least one of the grooves having a sufficiently large radial depth to permit the retraction of the ring shaped spring when the male member is being engaged in the female member.

Compl Specn 23 pages

Drgs 4 sheets

CLASS 27G

156797

Int Cl E 04 C 2/00

A BALUSTRADE OR STAIRWAY RAIL ASSEMBLY

Applicant TECHNAL INTERNATIONAL SA, A FRENCH COMPANY, OF 254, RUE LEON JOULIN, 31024 TOULOUSE CEDEX, FRANCE

Inventor YVES DOMINIQUE LAUGIER

Application for Patent No 460/Del/81 filed on 17th July, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A balustrade or stairway rail assembly comprising first and second shaped sections at substantially perpendicular directions, said first shaped section having a wall (1a), two side flanges (1b, 1e), two bends (1d, 1e) pointing toward the inside of the shaped section parallel to the wall and a slot formed in said wall, said slot having a configuration adapted to receive said second shaped section therein

at least one cotter (3) comprising a rod (3a) having a thinned segment formed on a portion of its periphery

the said second shaped section having a cross-sectional configuration complementary to said slot and at least one aperture for receiving at least one said cotter, said second shaped section (2) being inserted into said slot (4) so that its end (2a) abuts the bends (1a, 1e) of said first shaped section, and said aperture extends beyond said first section at a distance at least as great as the thickness of said cotter at said thinned segment and less than the thickness of the cotter at its unthinned segment the said at least one cotter being rotatably inserted into said at least one aperture with said thinned segment against the wall of said first shaped section, the longitudinal axis of said cotter urging the unthinned portion thereof in compression against said wall

Compl Specn 15 pages

Drgs 3 sheets

CLASS 114F

156798

Int Cl C 14 C 3/00

‘METHOD OF TANNING WHLRI IN HIDI STOCK IS UNHAIRING BATH'D ACIDIFIED AND TANNED AND THE TANNING OF THE HID' AFFORDED BY AN AMOUNT OF A CHROME TAN IS LASHED

Applicant ROHM AND HAAS COMPANY A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF DELAWARE UNITED STATES OF AMERICA OF INDPLNCLNCE MALL WEST, PHILADELPHIA, PENNSYLVANIA 19105, UNITED STATES OF AMERICA

Inventor : WILLIAM CASE PRENTISS INGANI VIR-ANJANEYA PRASAD.

Application for Patent No. 464/Del/81 filed on 22nd July, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

A method of tanning wherein an aqueous medium containing hide stock is unhaired, bated and acidified, and a chrome tan is charged to the acidified medium to effect tanning of the hide stock comprising providing in the acidified aqueous medium prior to or simultaneously with addition of the chrome tan, a water soluble or water solubilizable amino compound which has substantially no tanning properties of its own but which enhances the tanning afforded by a chrome tan in an amount effective to permit reduction in the chrome tan charge while obtaining an equivalent level of tanning.

Compl. Specn. 23 pages.

Drgs. 1 sheet.

CLASS : 10B & 71A.

156799

Int. Cl. : F42 d. 1/00 & CO 6 b. 21/02.

"METHOD OF ASSEMBLING A COLUMN OF EXPLOSIVES AND THE COLUMN OF EXPLOSIVES ASSEMBLED THEREBY".

Applicant : C.I.L. INC., OF 630 DORCHESTER BLVD, WEST, MONTREAL QUEBEC, CANADA, A CANADIAN COMPANY.

Inventor : GORDON KENNETH JORGENSEN.

Application for Patent No. 468 Del/81 filed on 22nd July 1981.

Convention date 29th July 1980 8024698/(U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

A method of assembling a column of explosive, in a borehole for electrically induced initiation at more than one location along the column, which method comprises the steps of:

- (a) providing a length of an insulated electrical conductor in the form of a looped wire extending beyond said borehole, and connectable to an electric supply source, and
- (b) loading explosive material into the borehole and at intervals during the loading threading said looped wire through a toroidal transformer core of a detonator assembly comprising an electric detonator having its conductor wires electromagnetically coupled to said toroidal transformer core and sliding said assembly along said looped wire to bring said detonator into initiating contact with the already loaded explosive material whereby a detonator assembly is placed at each of plurality of positions along the column of explosives.

Compl. Specn. 13 pages.

Drgs. 1 sheet.

CLASS : 196 B1, 2 50B.

156800

Int. Cl. : F 24 f. 3/06.

"AN AIR COOLING APPARATUS FOR ROOMS AND OTHER ENCLOSURES".

Applicant: SONTI VENKATA KRISHNAMURTY AND GAUTAM SONTI BOTH INDIAN NATIONALS OF NO. 12, GREATER KAILASH-1, NEW DELHI-110 048, INDIA.

Inventor : SONTI VENKATA KRISHNAMURTY AND GAUTAM SONTI.

Application for Patent No. 471/Del/81 filed on 23rd July, 1981.

Complete Specification left on 20th October, 1982.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

An air cooling apparatus for rooms and other enclosures comprising at least a first housing and a second housing a porous member disposed within each of said housing, controlled means for wetting said porous members, means for controlling the flow of streams of air through said housings so as to allow the first and the second porous member to be subjected alternately to a first or porous member cooling cycle and a second or air cooling cycle so that when said first porous member is subjected to the first or porous member cooling cycle the second porous member is subjected to the second or air cooling cycle, the porous members being cooled during each first cycle and a stream of air being passed over the cooled porous members during each second cycle.

Provisional Specification 5 pages.

Compl. Specn. 10 pages.

Drgs. 1 sheet.

CLASS : 102C, 101E.

156801

Int. Cl. : G 01 f 1/00.

"FLUID FLOW METER".

Applicant : NILS OSCAR ROSAEN, A U.S. CITIZEN, OF 1755 EAST NILE MILE, HAZEL PARK, MICHIGAN 48030, UNITED STATES OF AMERICA.

Inventor : NILS OSCAR ROSAEN.

Application for Patent No. 32/Del/81 filed on 27th July, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

13 Claims

A fluid flow meter comprising :

a housing having a fluid inlet and a fluid outlet;

fluid passage means formed through said housing for connecting said inlet with said outlet, said passage means including an elongated chamber having one end open to the inlet and its other end open to the outlet;

a piston assembly axially slidably mounted in said housing chamber and movable between a first and a second position; means for fluidly sealing said piston to said housing;

said piston assembly including an orifice plate having a fluid port open to the inlet end of said chamber, said orifice plate being removable from said piston assembly; and means formed through said piston assembly for fluidly connecting said port to the outlet end of said chamber;

means for resiliently urging said piston assembly toward the inlet end of the chamber;

a rod held in said housing and extending axially through at least a portion of said chamber, said rod having a tapered portion which extends through said port and variably restricts said port in dependence upon the axial position of said piston assembly;

means for exteriorly indicating the axial position of the piston assembly;

and said housing having a removable end cover on one axial end of the chamber through which the orifice plate and piston assembly are removable and replaceable with another orifice plate having a different size port or a different piston assembly to thereby change the flow range of the flow meter.

Compl. Specn. 17 pages.

Drgs. 4 sheets.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 134437 dated the 30th April, 1973 made by Harbans Lal Malhotra & Son Ltd. on the 29th May, 1984 and notified in the Gazette of India, Part-III, Section 2 dated 23rd March, 1985 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 138483 dated the 26th April, 1974 made by Harbans Lal Malhotra & Son Ltd. on the 29th May, 1984 and notified in the Gazette of India, Part-III, Section 2 dated 23rd March, 1985 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 14087 dated the 27th Septmbr, 1974 made by Societe Nationale Des Petroles D'Aquitaine on the 29th August, 1983 and notified in the Gazette of India, Part-III, Section 2 dated the 24th December, 1983 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 145239 dated the 30th March, 1976 made by Muthiness Johannes Delhort on the 27th December, 1984 and notified in the Gazette of India, Part-III, Section 2 dated the 25th May, 1985 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 146624 dated the 24th December, 1977 made by Jamnadas Khim Chand Shah, Jayvadan Jashvantlal Shroff and Ramish Binsilal Chokshi on the 25th September, 1984 and notified in the Gazette of India, Part-III, Section 2 dated the 2nd March, 1985 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No. 147966 dated the 19th May, 1979 made by Shilowbhadra Banerjee on the 20th November, 1984 and notified in the Gazette of India, Part-III, Section 2 dated the 25th May, 1985 has been allowed and the said Patent restored.

(7)

Notice is hereby given that an application for restoration of Patent No. 150213 dated the 21st November, 1978 made by Nitto Goseki Co. Ltd. on the 14th November, 1984 and notified in the Gazette of India, Part-III, Section 2 dated the 25th May, 1985 has been allowed and the said patent restored.

(8)

Notice is hereby given that an application for restoration of Patent No. 150225 dated the 18th December, 1978 made by Bal Krishna Sinha on the 14th November, 1984 and notified in the Gazette of India, Part-III, Section 2 dated the 25th May, 1985 has been allowed and the said patent restored.

(9)

Notice is hereby given that an application for restoration of Patent No. 150285 dated the 12th December, 1978 made by Uniroyal Inc. on the 12th December, 1984 and notified in the Gazette of India, Part-III, Section 2 dated the 25th May, 1985 has been allowed and the said patent restored.

(10)

Notice is hereby given that an application for restoration of Patent No. 150317 dated the 7th December, 1978 made by Uniroyal Inc. on the 7th December, 1984 and notified in the Gazette of India, Part-III, Section 2 dated the 25th May, 1985 has been allowed and the said patent restored.

(11)

Notice is hereby given that an application for restoration of Patent No. 152020 dated the 29th April, 1981 made by M. J. O. J. Sales Private Limited on the 18th April 1985 and notified in the Gazette of India, Part-III, Section 2 dated the 8th June, 1985 has been allowed and the said patent restored.

(12)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 147768 granted to Uuno Johannes Lehtinen for an invention relating to "shut-off valve".

The patent ceased on the 12th Sept. 1984 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th August, 1985.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 2-1-1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(13)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 149280 granted to Bo Jufors for an invention relating to "a system for the irrigation of plants".

The patent ceased on the 28th July, 1984 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th August, 1985.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road Calcutta-17 on or before the 2-1-1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(14)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 150056 granted to Aktiebolaget Tudor for an invention relating to "Pump Device".

The patent ceased on the 21st July, 1984 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th August, 1985.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road Calcutta-17 on or before the 2-1-1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(15)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 150989 granted to Mrs. Maya Bose for an invention relating to "flameproof fluorescent tube light fitting".

The patent ceased on the 11th June, 1984 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th August, 1985.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 2-1-1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(16)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 152677 granted to James Henry Haslam for an invention relating to "a reciprocating machine".

The patent ceased on the 30th April, 1985 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24th August, 1985.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 2-1-1986 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

PATENTS SEALED

152138 153183 153852 153872 153886 153888 153900 153901
153930 153933 153934 153936 153979 154052 154081 154122
154146 154300 154302 154312 154324 154326 154327 154328
154329 154335 154336 154337 154395 154396 154397 154398
154399 154434 154458

RENEWAL FEES PAID

128662 128889 129131 135880 136042 136216 136529 136655
137027 137184 137464 137500 137552 137774 138333 138481
139065 139116 139160 139265 139955 140061 140096 140684
140689 141310 142999 143015 143109 143367 143376 143442
143569 143825 143930 144150 144151 144230 144293 144527
144551 144863 144929 145083 145084 145085 145256 145376
145553 145654 145702 145726 145744 145790 145951 146033
146099 146105 146225 146280 146287 146371 146452 146514
146591 146890 147213 147255 147516 147851 148893 149418
149619 149749 149858 149881 150088 150124 150372 150517
150544 150614 150668 150752 150945 150955 151002 151121
151167 151347 151360 151449 151727 151804 151853 151924
151958 151959 152022 152040 152145 152198 152259 152336
152413 152490 152497 152529 152530 152605 152825 152829
152870 153035 153139 153275 153284 154113

CESSATION OF PATENTS

133999 134003 134007 134017 134019 134022 134028 134030
134051 134052 134053 134054 134055 134056 134058 134076
134078 134079 134082 134086 134092 134096 134099 134101
134117 134120 134121 134126 134138 134150 134157 134161
134169 134170 134171 134177 134187 134189 134190 134196
134209 134212 134216 134220 134221 134230 134250 134255
134255 134256 134258 134265 134277 134278 134279 134281
134282 134283 134286 134287 134291 134293 134306 134307
134312 134316 134321 134326 134327 134328 134339 134340
134343 134354 134356 134365 134369 134370 134374 134375
134377 134380 134381 134385 134386 134391 134392 134393
134396 134411 134416 134422 134439 134441 134444 134445
134451 134463 134464 134474 134477 134478 134489 134490
134495 134503 134508 134509 134509 134515 134522 134523 149411
149414

REGISTRATION OF ASSIGNMENTS, LICENCES ETC
(DESIGN) UNDER SECTION 63

Assignments, licences or other transactions affecting the interest of the original proprietors have been registered in the following case. The number of each case is followed by the names of the applicant for registration.

Design No	Class	Name
152282	3	Colgate-Palmolive Company

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 155367. Takahiro Imahashi a citizen of Japan, of 21-25, Higashimotomachi 3-chome, Kokubunji, Tokyo Japan. "Four-Spindle Faceter". 5th February, 1985.

Class 1. No. 155502. Peico Electronics and Electricals Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 19 (WB), Maharashtra State, India an Indian Company. "a TV Set". 18th March, 1985.

Class 1. No. 155885. Rajesh Khosla, an Indian Citizen, D-33, East of Kailash, N. Delhi-110065; India. "Electric Switch and Socket Cum outlet box". 23rd July, 1985.

Class 3. No. 155606. Thomas Shaw Gourley Kee, a British subject of 4 Cultra Avenue, Holywood, County Down for Removing Screw Closures From Containers". 25th April, 1985.

Class 3. No. 155531. Meghna Singh Enterprises and Partnership Firm. "Packing of Dressing Material in medical operations". 26th March 1985.

Class 3. No. 155532. Meghna Surgical Enterprises a partnership Firm. "Forceps". 26th March, 1985.

Class 3. No. 155449. Vijay Enterprises, No. 32 Sembudoss Street, (2nd floor), Madras-600 001. "Seats for baby bicycles and baby tricycles". 28th February, 1985.

Class 3. No. 155481. Murphy India Limited, an Indian Company existing under the Companies Act, 1956, having its registered office at Cet Mahal 463, Dr. Annie Besant Road, Worli, Bombay-400 025. State of Maharashtra India. "Colour Television Set". 12th March, 1985.

Class 3. No. 155503. Peico Electronics and Electricals Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 19 (WB), Maharashtra State, India an Indian Company. "a TV Set" 18th March 1985.

Class 3. No. 155634. British Telecommunications Plc., a British Company, of 81 Newgate Street, London EC1A 1AJ, England "a Telephone Instrument Body". Reciprocity date is 8th November, 1984. (U.K.).

Class 3. No. 155635. British Telecommunications Plc., a British Company of 81 Newgate Street London EC1A 1AJ, England "a Telephone Handset". Reciprocity date is 8th November, 1984 (U.K.).

Class 4. No. 155504. Peico Electronics and Electricals Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 19 (WB), Maharashtra State, India an Indian Company. "a TV Set" 18th March, 1985.

Extn. of copyright for the Second period of five years
Nos. 154914 154858 Class 3
Nos. 154882 153887 Class 4.

Extn. of copyright for the Third period of five years
Nos. 154914. 154858 Class 3.
Nos. 154882. 153887 Class 4.

R. A. ACHARYA
Controller General of Patents, Designs and
Trade Marks